

EG012PCT

Potato type L	835:--YDDLIGSLENEGFGGRADYFLVGKDFPSYIECQEKVDEAYRDQKRWTMSILNTAGSY	892
Potato type L2	812:--YEELMGSLEGNEGEGYGRADYFLVGKDFPSYIECQDKVDEAYRDQKKWTKMSILNTAGSF	869
Sweet potato type L	831:--YDELLGSLEGNEGEGFGRGDYFLVGKDFPSYIECQEKVDEAYRDQKIKWTRMSILNTAGSY	888
Fava bean type L	858:--YDELIGSLENEGFGGRADYFLVGQDFPSYLECQEVDKAYRDQKLWTRMSILNTAGSS	915
Arabidopsis thaliana type L	881:--YDELIGSLENEGFGGRADYFLVGKDFPSYIECQEKVDEAYRDQKRWTMSIMNTAGSF	938
Spinach	890:--YDELLGSLEGNEGEGFGRADYFLVGKDFPSYIECQEKVDEAYRDQKLWTRMSILNTAGSF	947
Rice type L	847:--YDDLMGSLEGNEGEGYGRADYFLVGKDFPSYIECQEKVDEAYRDQKLWTRMSILNTAGSS	904
Rice type L2	870:--YDDLMGSLEGNEGEGYGRADYFLVGKDFPSYIECQEKVDEAYRDQKLWTRMSILNTAGSS	927
Corn type L	902:--YDELMGSLEGNEGEGYGRADYFLVGKDFPSYIECQEKVDEAYRDQKLWTRMSILNTAGSS	959
Potato type H	757:--YNPLLESLEGNSGYGRGDYFLVGHDFFPSYMDAQARVDEAYKDRKRWIKMSILSTGSG	814
Fava bean type H	761:--YNPLLDSLEGNSGYGRGDYFLVGYDFFPSYMDAQEVDEAYRDKKRWLKMSILSTAGSG	818
Arabidopsis thaliana type H	760:--YQPLLDSLEGNTGFGRGDYFLVGYDFFPSYMDAQAKVDEAYKDRKGWLKMSILSTAGSG	817
Rice type H	760:--YAPLLDSLEGNSGFGRGDYFLVGYDFFPSYIDAQAVDEAYKDRKKWIKMSILNTAGSG	817
Wheat	751:--YTPLLDSLEGNTGFGRGDYFLVGYDFFPSYIDAQARVDEAYKDRKKWVKMSILNTAGSG	808
Citrus type H	759:--YNPLLDSLEGNTGYGRGDYFLVGYDFFPSYLEAQDRVDQAYKDRKKWLKMSILSTAGSG	816
E.coli MalQ	722:HAFDQMLHSIGKQGG-DP--YLVMA-DFAAYVEAQKQDVLYRDQEAWTRAAILNTARCG	777

Potato type L	893:KFSSDRTIHEYAKDIW--NIEAVEIA	916 (SEQ ID NO:2)
Potato type L2	870:KFSSDRTIHQYARDIW--RIEPVELP	893 (SEQ ID NO:6)
Sweet potato type L	889:KFSSDRTIHEYAKDIW--NIQPVVF	912 (SEQ ID NO:4)
Fava bean type L	916:KFSSDRTIHEYAREIW--NIEPVKE	939 (SEQ ID NO:8)
Arabidopsis thaliana type L	939:KFSSDRTIHEYAKDIW--NIKVELP	962 (SEQ ID NO:10)
Spinach	948:KFSSDRTIHQYAKDIW--NIHPVNL	971 (SEQ ID NO:12)
Rice type L	905:KFNSDRTIHEYAKDIW--DIKPVLIP	928 (SEQ ID NO:16)
Rice type L2	928:KFNSDRTIHEYAKDIW--DIKPVLIP	951 (SEQ ID NO:18)
Corn type L	960:KFSSDRTIHEYAKDIW--DISPAILP	983 (SEQ ID NO:14)
Potato type H	815:KFSSDRTISQYAKEIW--NIAECRVP	838 (SEQ ID NO:30)
Fava bean type H	819:KFSSDRTIAQYAKEIW--NIEECRVP	842 (SEQ ID NO:26)
Arabidopsis thaliana type H	818:KFSSDRTIAQYAKEIW--NIEACPVP	841 (SEQ ID NO:28)
Rice type H	818:KFSSDRTIAQYAKEIW--GITASPV	841 (SEQ ID NO:24)
Wheat	809:KFSSDRTIDQYAKEIW--GISACPVP	832 (SEQ ID NO:20)
Citrus type H	817:KFSSDRTIAQYAKEIW--NITECRTS	840 (SEQ ID NO:22)
E.coli MalQ	778:MFSSDRSIRDYQARIWQAKR-----	797 (SEQ ID NO:35)

Fig. 11

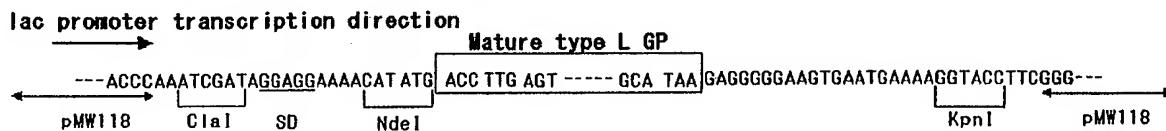


Fig. 2